Attach #6

(2-92)

Sheet 1 of 1

OIPE JC67 APR 0 4 2000 PATENT & TRADEMARK OFFICE

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
3935US	09/356,575
Applicant **Fallaux et al.**	
Filing Date July 19, 1999	Group Art Unit 1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MW	4,405,712	09/20/83	Vande Woude et al.			
MW	4,497,796	02/05/85	Salser et al.			
MW	4,727,028	02/23/88	Santerre et al.			
MW	4,740,463	04/26/88	Weinberg et al.			
MW	5,190,931	03/02/93	Inouye			
MW	5,208,149	05/04/93	Inouye			
MW	5,518,913	05/21/96	Massie et al.			
MW	5,837,511	11/17/98	Falck-Pedersen et al.			
MW	5,994,106	11/30/99	Kovesdi et al.			
MW	5,994,128	11/30/99	Fallaux et al.			
MW	6,033,908	03/07/00	Bout et al.			
MW	6,040,174	03/21/00	Imler et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
MW	2,053,187	04/11/93	Canada				
MW	WO 94/28152	12/08/94	PCT				
MW	2 707 664	01/20/95	France				X
MW	WO 95/02697	01/26/95	PCT				
MW	CA 2117668	09/10/95	Canada				
MW	AU-A-28533/95	03/21/96	Australia				

EXAMINER MW

DATE CONSIDERED 10-28-00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Attach #4

(2-92)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(Use several sheets if necessary)*	Docket Number (Optional) 3935US	Application Number ~~To be assigned~~ 09/356575
	Applicant **Fallaux et al.**	
	Filing Date **July 19, 1999**	Group Art Unit ~~To be assigned~~ 1633

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MW	5,378,618	01/03/95	Sternberg et al.			
MW	5,545,522	08/13/96	Van Gelder et al.			
MW	5,652,224	07/29/97	Wilson et al.			
MW	5,670,488	09/23/97	Gregory et al.			
MW	5,707,618	01/13/98	Armentano et al.			
MW	5,753,500	05/19/98	Shenk et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
MW	WO 94/23582	10/27/94	PCT			X	
MW	WO 94/26914	11/24/94	PCT			X	
MW	WO 94/28152	12/08/94	PCT			X	
MW	WO 95/00655	01/05/95	PCT			X	
~~MW~~	~~WO 95/02697~~	~~01/26/95~~	~~PCT~~			~~X~~	
MW	95201611.1	06/15/95	EP			X	
MW	95201728.3	06/26/95	EP			X	
MW	WO 95/27071	10/12/95	PCT			X	
MW	WO 96/16676	06/06/96	PCT			X	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

MW		Amalfitano et al., "Improved adenovirus packaging cell lines to support the growth of replication-defective gene-delivery vectors", Proc. Natl. Acad. Sci. USA, 93:3352-3356, April 1996.
MW		Amalfitano et al., "Isolation and characterization of packaging cell lines that coexpress the adenovirus E1, DNA polymerase, and preterminal proteins: implications for gene therapy", Gene Therapy, 4:258-263, 1997.
MW		Armentano et al., "Characterization of an Adenovirus Gene Transfer Vector Containing an E4 Deletion", Human Gene Therapy, 6:1343-1353, October 1995.
MW		Brough et al.,"A Gene Transfer Vector-Cell Line System for Complete Functional Complementation of Adenovirus Early Regions E1 and E4", Journal of Virology, 70(9):6497-6501, September 1996.
MW		Brough et al., "Construction, Characterization, and Utilization of Cell Lines Which Inducibly Express the Adenovirus DNA-Binding Protein", Virology, 190:624-634, 1992.
MW		Brough et al., "Stable Cell Lines for Complementation of Adenovirus Early Regions E1, E2A and E4; Abstract Book CSH Conference On Gene Therapy, 42, 1996.

EXAMINER MW	DATE CONSIDERED 4.1.00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Filing Date **July 19, 1999**	Group Art Unit **To be** ~~assigned~~ 1633

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
MW	WO 96/18418	06/20/96	PCT	—	—	X	
MW	WO 96/33280	10/24/96	PCT	—	—	X	
MW	WO 96/40955	12/19/96	PCT	—	—	X	
MW	WO 97/00326	01/03/97	PCT	—	—	X	
	~~WO 97/00847~~	~~01/09/97~~	~~PCT~~			~~X~~	
	~~WO 97/04119~~	~~02/06/97~~	~~PCT~~			X	
	~~WO 97/05255~~	~~02/13/97~~	~~PCT~~			~~X~~	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

MW		Caravokyri et al., "Constitutive Episomal Expression of Polypeptide IX (pIX) in a 293-Based Cell Line Complements the Deficiency of pIX Mutant Adenovirus Type 5", Journal of Virology, 69(11):6627-6633, November 1995.
MW		Fallaux et al., "Characterization of 911: A New Helper Cell Line for the Titration and Propagation of Early Region 1-Deleted Adenoviral Vectors", Human Gene Therapy, 7:215-222, 1996.
MW		Fisher et al., "Recombinant Adenovirus Deleted of All Viral Genes for Gene Therapy of Cystic Fibrosis", Virology, 217:11-22, 1996.
MW		Gao et al., "Biology of Adenovirus Vectors with E1 and E4 Deletions for Liver-Directed Gene Therapy", Journal of Virology, 70(12):8934-8943, December 1996.
MW		Gorziglia et al., "Elimination of both E1 and E2a from Adenovirus Vectors Further Improves Prospects for In Vivo Human Gene Therapy", Journal of Virology, 70(6):4173-4178, June 1996.
MW		Hardy et al., "Construction of Adenovirus Vectors through Cre-lox Recombination", Journal of Virology, 71(3):1842-1849, March 1997.
MW		Hehir et al., "Molecular Characterization of Replication-Competent Variants of Adenovirus Vectors and Genome Modifications To Prevent Their Occurrence", Journal of Virology, 70(12):8459-8467, December 1996.

EXAMINER	DATE CONSIDERED
MW	4.1.00

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

MW	•	Imler et al., "Novel complementation cell lines derived from human lung carcinoma A549 cells support the growth of E1-deleted adenovirus vectors", Gene Therapy, 3:75-84, 1996.
MW	•	Kornberg, Arthur, "DNA Replication", W.H. Freeman and Company, San Francisco, 8 pages.
MW		Krougliak et al., "Development of Cell Lines Capable of Complementing E1, E4, and Protein IX Defective Adenovirus Type 5 Mutants", Human Gene Therapy, 6:1575-1586, December 1995.
MW	•	Lieber et al., "Recombinant Adenoviruses with Large Deletions Generated by Cre-Mediated Excision Exhibit Different Biological Properties Compared with First-Generation Vectors In Vitro and In Vivo", Journal of Virology, 70:8944-8960, December 1996.
MW		Ngo et al., "in The Protein Folding Problem and Tertiary Structure Prediction", Merz et al., (ed.), Birkhauser, Boston, MA, pp. 433 and 492-495, 1994.
MW		Sabatie et al., "Process Development for the Production of Second Generation Adenovirus Vectors for Gene Transfer in Clinical Protocols", Abstract Book 14th Meeting on Animal Cell Technology, BI-3, 1996.
MW	•	Schaack et al., "Adenovirus Type 5 Precursor Terminal Protein-Expressing 293 and HeLa Cell Lines", Journal of Virology, 69(7):4079-4085, July 1995.
MW		Vanhaesebroeck et al., Virology, 176(2), pp. 362-368, June 1990.
MW	•	Wang et al., "A packaging cell line for propagation of recombinant adenovirus vectors containing two lethal gene-region deletions", Gene Therapy, 2:775-783, 1995.
MW	•	Yeh et al., "Efficient Dual Transcomplementation of Adenovirus E1 and E4 Regions from a 293-Derived Cell Line Expressing a Minimal E4 Functional Unit", Journal of Virology, 70(1):559-565, January 1996.
MW	•	Zhou et al., "Development of a Complementing Cell Line and a System for Construction of Adenovirus Vectors with E1 and E2a Deleted", Journal of Virology, 70(1):7030-7038, October 1996.

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